

In the Specification:

Replace the paragraph of the Abstract beginning at line 2 of page 21 with the following paragraph:

A method for position measurement that includes scanning a plurality of graduation periods of one incremental graduation by a detector arrangement extending over a length of one measurement range, a reference marking being integrated with one of the graduation periods, and generating a plurality of periodic scanning signals, of which at least one is locally modified by the reference marking. The method includes detecting Detecting the at least one scanning signal, modified by the reference marking, from among the plurality of periodic scanning signals. The method further includes determining Determining an absolute position of the reference marking within the length of said measurement range as a function of the scanning signal detected.